

FORM PTO-1595
(Modified)

RECORDATION FORM COVER SHEET
PATENTS ONLY

6668/IMPLANT/PARAMETRIC
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

EXECUTION DATE

Robert MITCHELL.....	1/20/04
John GORDON.....	1/27/04
Keith RELLEEN.....	1/20/04
Ronald F. HORNER.....	1/19/04
Theodore H. Smick.....	1/19/04

2. Name and address of receiving party(ies):

Name: Applied Materials, Inc.
Internal Address: Legal Affairs Department

Street Address: P.O. Box 450-A

City: Santa Clara State CA Zip 95052

Additional Name(s) & address(es) attached? Yes No

Additional name(s) of conveying part(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: SEE ABOVE

4. Application number(s) or patent Number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 10/703,164 - Filing Date: 11/7/2003

Additional Numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: PATENT COUNSEL
Internal Address: Applied Materials, Inc.
Legal Affairs Dept.

Street Address: P.O. Box 450-A

City: Santa Clara State: CA ZIP: 95052

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:
50-1074

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Robert W. Mulcahy, Reg. No. 25,436

Name of Person Signing

Signature

Date

10. Total number of pages comprising cover sheet, attachments, and document: 11

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with the required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CH \$40.00 501074 10703164

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

ASSIGNMENT

WHEREAS, I, **ROBERT MITCHELL**

of **Southwood, West Chiltington Road, Pulborough, West Sussex, RH20 2EE, United Kingdom**

have invented certain new and useful improvements as described in an application entitled **ION IMPLANTER AND A METHOD OF IMPLANTING IONS**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **10/703,164** filed **7 November, 2003**; and

WHEREAS, **APPLIED MATERIALS, INC.**

a corporation organized and existing under the laws of **Delaware, United States of America** and having offices at **3050 Bowers Avenue, Santa Clara, California 95054, United States of America**

("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

- 2 -

Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

R Mitchell

(Signature of Inventor)

Date: 20/1/2004

Witness:

Signature

Paul Slead

Name:

PAUL SLEAD

Address:

7, Pounds Hill, Warminster
BN18 0PU

Witness:

Signature

Y P Alhna

Name:

YVONNE PATRICIA ALTRIA

Address:

24 SOUTHDOWN WAY
STORRINGTON
W. SUSSEX
RH20 3NS

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

ASSIGNMENT

WHEREAS, I, **JOHN GORDON**

of **2 Chanctonbury View, Henfield, West Sussex, BN5 9TW**
United Kingdom

have invented certain new and useful improvements as described in an application
entitled **ION IMPLANTER AND A METHOD OF IMPLANTING IONS**

for Letters Patent of the United States, the application having been executed on
even date herewith, and/or being identifiable in the United States Patent and
Trademark Office by Serial No. **10/703,164** filed **7 November, 2003**; and

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invention, the application, and any and all Letters Patent or similar legal protection,
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of which is hereby acknowledged, I transfer to Assignee, its successors and assigns,
my entire right, title and interest in and to the invention, the above-identified
application, corresponding domestic and foreign applications, all Letters Patents or
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(Signature of Inventor)

Date: 27 Jan 04

Witness:

Signature Y. Actria

Name: YVONNE PATRICIA ACTRIA

Address: 24 SOUTH DOWN WAY

STORRINGTON

W. SUSSEX RH20 3AS

:191516: REBC: YG: READDOCS

Witness:

Signature Nigel Burdett

Name: NIGEL BURDETT.

Address: OXHURST HALL,

TANYARD CLOSE

MALDEN BOWER,

CRAWLEY,

W. SUSSEX.

RH10 6QH.

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

ASSIGNMENT

WHEREAS, I, **KEITH RELLEEN**

of **56 Oak Tree Way, Horsham, West Sussex, RH20 4QN,
United Kingdom**

have invented certain new and useful improvements as described in an application
entitled **ION IMPLANTER AND A METHOD OF IMPLANTING IONS**

for Letters Patent of the United States, the application having been executed on
even date herewith, and/or being identifiable in the United States Patent and
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- 2 -

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[Signature]
(Signature of Inventor)

Date: 20/1/04

Witness:
Signature [Signature]

Name: ANDY BATTEN
34 KEMPSHOTT ROAD
Address: HOESWAM, WEST SUSSEX
RH12 2EY

Witness:
Signature [Signature]

Name: YVONNE PATRICIA
ACTRIA
24 SOUTH DOWN WAY
Address: STORRINGTON
W. SUSSEX RH20 3NS

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

ASSIGNMENT

WHEREAS, I, **RONALD F. HORNER**

of **39 Charles Street, Auburndale, MA 02466, United States of America.**

have invented certain new and useful improvements as described in an application entitled **ION IMPLANTER AND A METHOD OF IMPLANTING IONS**

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. **10/703,164** filed **7 November, 2003**; and

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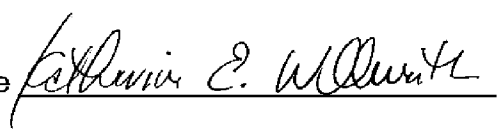
I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.



Date: 1/19/04

(Signature of Inventor)

Witness:

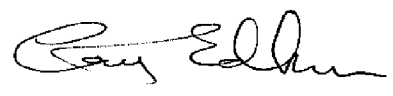
Signature 

Name: KATHERINE E. WILLWERTH

Address: 100 HESPERUS AVE
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USA

:191520: REBC: YG: READDOCS

Witness:

Signature 

Name: GUY EOKINS

Address: 2 ELLIOT RD
LYNNFIELD, MA
01940

Applied Materials' Ref: 006668 USA/IMPLANT/PARAMETRIC/JB1

ASSIGNMENT

WHEREAS, I, **THEODORE H. SMICK**

of **31 Lufkin Point Road, Essex, MA 01929, United States of America.**

have invented certain new and useful improvements as described in an application entitled **ION IMPLANTER AND A METHOD OF IMPLANTING IONS**

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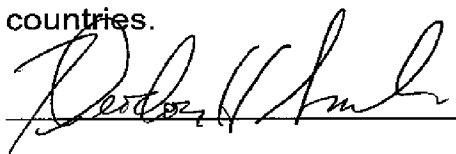
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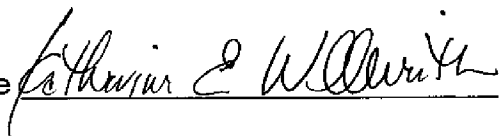
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(Signature of Inventor)

Date: 1/19/04

Witness:

Signature 

Name: KATHERINE E. WILLWARR

Address: 160 HESPERUS AVE
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USA

:191524: REBC: YG: READDOCS

Witness:

Signature 

Name: Guy Edkins

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